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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XV, No. 7 HELENA INDEPENDENT-RECORD HELENA, MONTANA **July, 1967**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of July, 1967, averaged 92,202 barrels daily, an increase of 512 barrels from the average June production of 91,690.

The nine refineries in state processed 114,682 barrels of crude oil daily for the month of July, 1967, an increase of 6,620 barrels from the 108,062 barrels processed daily during the month of June, 1967.

During July, 28 wells were completed, 9 oil, 0 gas well and 19 dry holes.

During July, the commission issued 51 permits to drill new wells, an increase of 4 from the 47 permits issued during June.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF JULY, 1967

IN STORAGE JULY 1st	
By Producers	332,175
By Transporters	1,232,696
By Refiners	846,701
TOTAL STORAGE	2,411,572
Produced in Montana During Month	2,858,289
Imported During Month	2,583,346
TOTALS	7,853,207
DISPOSITION:	
Refined in Montana	3,555,142
Exported	2,027,443
Used for Fuel or Lost	9,404
TOTAL	5,591,989
IN STORAGE JULY 31st	
By Producers	339,981
By Transporters	1,279,902
By Refiners	641,335
TOTAL STORAGE	2,261,218

NATURAL GAS WITHDRAWALS IN MONTANA

Month of July, 1967

Field	M. Cu. Ft.
Bears Den	0
Big Coulee	29,252
Bowdoin	66,818
Bowes	50,273
Cabin Creek	110,911
Cedar Creek	125,880
Cut Bank (Including Reagan)	752,185
Devon	0
Dry Creek	460
Elk Basin	90,227
Flat Coulee	11,294
Gold Butte	219
Golden Dome	0
Grandview	7,410
Hardin	3,783
Keith Block	113,453
Kevin Sunburst	22,730
Lake Basin	110,935
Middle Butte	0
Mt. Lilly	32,363
Pine	70,280
Plevna	12,150
Utopia	0
Whitlash	75,556
Miscellaneous	197,495
TOTAL	1,883,674

Total withdrawals for July, 1966 were 1,866,046

PRODUCERS REPORT—MONTH OF JULY, 1967

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
2	Ash Creek	5	454	4,505		4,378		581
1	Bannatyne	1	476	113				589
4	Bear's Den	5	1,677	1,378		849		2,206
2	Bell Creek	2	350	17,796		16,855	236	1,055
1	Benrud	1	407	1,461	1,574			294
1	Benrud East	1	753	8,175	8,474			454
1	Benrud Northeast	1	614	11,895	11,672			837
	Berthelote		394					394
6	Big Wall	22	1,345	27,679	27,575			1,449
6	Blackfoot	9	1,616	3,899	2,011	2,088		1,416
	Blackfoot East		40					40
4	Border	6		819		819		
1	Bowes	49	7,236	14,311	16,442			5,105
2	Bradley	2	729	887	588			1,028
2	Brady	2	322	349	349			322
	Bynum		219					219
2	Cabin Creek	103	7,022	279,144	279,487			6,679
17	Cat Creek	75	2,224	13,485	9,588	3,764	141	2,216
1	Clark's Fork	1	175	147		158		164
2	Conrad South	2	662	2,361	2,361			662
1	Cupton	1	1,292	293				1,585
187	Cut Bank	976	91,513	283,802	282,215	6,002	49	87,049
2	Deer Creek	3	820	3,101	2,577			1,344
1	Delphia	1	440	601		391		650
1	Devil's Basin	1	759	176		325	57	553
	Dry Creek		69					69
14	Dwyer	15	5,213	24,599	23,477			6,335
4	Elk Basin	57	2,447	242,305	242,462			2,290
5	Elk Basin Northwest	13	2,227	11,915	12,380			1,762
4	Fairview	4	4,143	38,906	20,705	18,334		4,010
3	Fertile Prairie	3	953	1,328	1,701			580
23	Flat Coulee	30	5,433	18,369	18,947			4,855
38	Flat Lake	55	7,513	89,971	90,796			6,688
1	Flat Lake South	1	517	1,641	1,699			459
2	Frannie	2		1,073		1,073		
16	Fred & George Creek	31	2,534	91,167	87,064	4,063		2,574
1	Gage	1	788	1,169		1,416		541
	Gage Southwest		4					4
4	Gas City	24	5,577	41,783	40,762			6,598
9	Glendive	12	2,510	30,851	21,596	9,629		2,136
21	Goose Lake	26	4,194	69,228	68,687			4,735
9	Graben Coulee	26	5,064	10,442	8,612	1,481		5,413
	Grandview		528					528
3	Gypsy Basin	6	2,173	798		507	82	2,382
2	Hiawatha	2	1,346	6,883		6,547		1,682
1	Hibbard	1	578	255		390		443
6	Ivanhoe	11	2,110	15,526	15,549		60	2,027
9	Keg Coulee	37	4,540	21,372	21,112			4,800
3	Keg Coulee North	3	1,362	1,475	1,361			1,476
1	Kelley	2	530	12,585	12,401			714
113	Kevin Sunburst	609	17,250	37,768	33,716	2,951		18,351
1	Little Beaver	29		32,380	32,380			
2	Little Beaver East	14	2,788	18,492	18,960			2,320
3	Lodge Grass	3	1,384	3,317		2,822		1,879
25	Lookout Butte	80	4,605	154,389	153,235			5,759
2	Mackay Dome	2	964	201			70	1,095
2	Mason Lake	2	411	1,031	1,031			411
2	Melstone	4	1,309	2,240	2,207			1,342
1	Mineral Bench	1	511	947	795			663
2	Miner's Coulee	6	428	1,641		1,708		361
8	Monarch	14	4,104	27,760	27,089			4,775
4	Mosser	4		625		625		
6	Outlook	11	5,072	32,417	30,344			7,145
2	Outlook South	2	1,590	2,314	3,238			666
2	Outlook West	2	1,160	7,731	1,538	6,249		1,104
71	Pennel	118	5,651	165,654	166,163			5,142
4	Pine	126	16,776	328,484	328,096		451	16,713
3	Pole Creek	4	2,208	2,000		2,000		2,208
70	Pondera	287	6,978	28,691	27,609			8,060
4	Poplar	68	9,570	62,122	61,340		62	10,290
4	Poplar Northwest	5	1,993	2,070	1,558			2,505
2	Prairie Elk	2	1,003	552		1,103		452
4	Ragged Point	13	2,484	7,382	6,945			2,921
4	Ranch Creek	4	1,125	2,901		2,603	10	1,413
1	Rattlesnake Coulee	1	946	993	1,177			762
4	Reagan	45	959	22,230	21,947			1,242
1	Red Creek	27		27,627	27,251	376		
1	Red Fox	1	640	12,638	12,934			344
1	Redstone	1	322	5,063	4,539			846
1	Repeat	1	603	1,716		1,435		884
1	Reserve	1	836	22,507		22,313		1,030
1	Richey	1	562	168				730
6	Richey Southwest	8	711	8,070	7,764			1,017
7	Sand Creek	10	2,533	14,101	13,402			3,232
1	Shotgun Creek	1	245	720		575		390
3	Sidney-Brorson	3	1,398	4,201		4,227		1,372
2	Smoke Creek	2	530	8,891		8,280		1,141
2	Snyder	4	951	800		800		951
6	Soap Creek	17	2,361	5,251		3,365		4,247
1	Spring Lake	1	1,200	2,429		852		2,777
2	Stensvad	24	3,367	31,318	30,936			3,749
32	Sumatra	86	12,169	58,231	60,073			10,327
5	Tule Creek	7	3,614	41,768	4,487	38,021		2,874
2	Tule Creek East	2	830	24,598		24,802		626
2	Tule Creek South	2	1,252	8,923		8,308	80	1,787
2	Vida	2	733	2,036		1,859		910
4	Volt	6	2,506	18,475	19,539			1,442
3	Weed Creek	5	1,528	28,902	22,812	6,170	199	1,249
5	Weldon	16	1,269	123,807	123,748			1,328
17	Whitlash	37	8,703	22,032	22,764			7,971
1	Whitlash West	1	484	500	500			484
2	Wills Creek South	2	477	7,112	6,837			752
7	Wolf Springs	10	4,359	13,543	12,088			5,814
4	Woodrow	5	841	3,478	3,031			1,288
1	Wildcat, Carbon Cty	1	812	330		305		837
1	Wildcat, Glacier Cty	1	205	302		249	5	253
1	Wildcat, Richland Cty	1	817	2,161		1,190	427	1,361
1	Wildcat, Roosevelt Cty	1	156	241				397
898	Total	3,374	332,175	2,858,289	2,626,297	222,257	1,929	339,981

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1966	35,380,118	96,931	35,353,673	96,859
First Quarter, 1967	8,269,076	91,878	8,253,252	91,702
Second Quarter, 1967	8,227,117	90,407	8,237,583	90,522
July, 1967	2,858,289	92,202	2,848,554	91,888

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December, 1966	337,546	1,034,375	584,580	1,956,501
March, 1967	345,817	1,086,767	636,377	2,068.961
June, 1967	332,175	1,232,696	846,701	2,411,572
July, 1967	339,981	1,279,902	641,335	2,261,218

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF JULY, 1967

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			4,378				4,378		
BEAR'S DEN—Truck			849					849	
BELL CREEK—Truck			16,855				16,855		
BIG WALL—									
Continental Pipeline Co.		27,575				27,575			
BLACKFOOT—									
Camerland Cardinal Corp.			2,088					2,088	
Union Oil Co.		2,011				2,011			
		2,011	2,088			2,011		2,088	
BORDER—Truck			819				819		
BOWES—Texaco		16,442				16,442			
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	310,597	836,934	14,026	931,413			1,714,837		378,133
Shell Pipeline Co.	9,266	347,818			(3,745)			355,013	5,816
	319,863	1,184,752	14,026	931,413	(3,745)		1,714,837	355,013	383,949
CAT CREEK—									
Continental Pipeline Co.		9,588				9,588			
Truck			3,764			3,764			
		9,588	3,764			13,352			
CLARK'S FORK—Truck			158				158		
CUT BANK—									
Continental Pipeline Co.			17,088	420,222				437,310	
Phillips Petroleum Co.	109,022	70,568		77,826	1,266	117,301		30,987	107,862
Texas Pipeline Co.	16,748	96,649		34,658	427			103,433	44,195
Union Oil Co.	135,111	85,918			2,498	97,178			121,353
Western Oil Trans. Co.		35,029						35,029	
Western Oil Trans. (Moulton)		46,996						46,996	
	260,881	335,160	17,088	532,706	4,191	214,479		653,755	273,410
DELPHIA—Truck			391			391			
DEVIL'S BASIN—Truck			325				325		
DWYER—Portal Pipeline Co.		23,848					23,848		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		254,156				254,156			
FAIRVIEW—									
Rock Island Oil & Ref. Co.			18,334				18,334		
FLAT COULEE—									
Camerland Cardinal Corp.		17,554						17,554	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		83,310					83,310		
FRANNIE—Interstate Pipeline Co.			1,073				1,073		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	30,223	93,266				37,279		68,882	17,328
GAGE & GAGE S.W.—Truck			1,416			1,416			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	5,839	37,723			209			37,829	5,524
GOOSE LAKE—									
Portal Pipeline Co.		26,334					26,334		
HIBBARD—Truck			390			390			
HIAWATHA—Truck			6,547				6,547		
IVANHOE—									
Continental Pipeline Co.		15,562				11,783	3,779		
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		23,143				14,864	8,279		
KELLEY—									
Continental Pipeline Co.		12,401				12,401			
KEVIN SUNBURST—									
Big West Oil Co.	3,682	23,692				24,558			2,816
Homestake Oil & Gas Co.	2,850	2,259				4,201			908
Texas Pipeline Co.	15,446	13,094			427			21,203	6,910
	21,978	39,045			427	28,759		21,203	10,634
LODGE GRASS—Truck			2,822			2,822			
MASON LAKE—									
Continental Pipeline Co.		1,031				1,031			
MELSTONE—									
Continental Pipeline Co.		2,207				2,207			
MOSSER—Truck			625				625		
OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			6,249				6,249		
POLE CREEK—Truck			2,000				2,000		
PONDERA—Phillips Petr. Co.	64,757	29,491			1,250	35,559			57,439
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, REDSTONE, RICHEY, TULE CREEK, TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	16,458	224,777			1,672			224,823‡	14,740
RAGGED POINT—									
Continental Pipeline Co.		11,322				3,822	7,500		
RANCH CREEK—									
Rock Island Oil & Ref. Co.			2,603				2,603		
RED CREEK—									
Western Oil Transportation Co.		32,478						32,478	
RESERVE—Truck			22,313				22,313		
SHOTGUN CREEK—Truck			575				575		
SIDNEY-BRORSON—Truck			4,227					4,227	
SMOKE CREEK—									
Rock Island Oil & Ref. Co.			8,280				8,280		
SNYDER—Truck			800			800			
SOAP CREEK—Truck			3,365			3,365			
SPRING LAKE—									
Rock Island Oil & Ref. Co.			852				852		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	507,503	89,945		362,209	3,171	72,862		376,121	507,503
TULE CREEK—									
Tesero Petr. Corp.	5,194		71,131			66,950			9,375
WEED CREEK—									
Truck			6,170			6,170			
Continental Pipeline Co.		22,812				22,812			
		22,812	6,170			28,982			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		23,552				21,706		1,846	
WOLF SPRINGS—									
Continental Pipeline Co.		12,088				12,088			
WILDCAT WELLS—Truck			1,744				1,744		
TOTALS	1,232,696	2,651,573	222,257	1,826,328	7,175	887,492	1,961,617	1,796,668	1,279,902

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JULY, 1967

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall				27,575						27,575
Bowes			26,281							26,281
Cat Creek		12,449		2,036		3,359				17,844
Cut Bank							116,816		63,778	180,594
Delphia						463				463
Elk Basin		102,775		64,052	87,329					254,156
Flat Coulee									38,899	38,899
Fred & George Creek	37,099									37,099
Gage & Gage S.W.						693				693
Hibbard						305				305
Ivanhoe		11,783								11,783
Keg Coulee		6,344		8,520						14,864
Kelley					12,401					12,401
Kevin Sunburst	35,116									35,116
Lodge Grass		2,822								2,822
Mason ILake		1,031								1,031
Melstone				2,207						2,207
Pondera							35,559			35,559
Ragged Point				3,822						3,822
Red Creek					55,696					55,696
Sand Creek						351				351
Snyder		800								800
Soap Creek		3,365								3,365
Sumatra & Stensvad		14,869		57,993	14,965					87,827
Tule Creek								66,950		66,950
Weed Creek					19,499					19,499
Whitlash	21,706									21,706
Wolf Springs					12,088					12,088
Total Montana Oil	93,921	156,238	26,281	166,205	201,978	5,171	152,375	66,950	102,677	971,796
Canadian Oil Imported		420,222								420,222
Wyoming Oil Imported		519,792		529,853	1,113,479					2,163,124
Total Montana, Canadian, and Wyoming Oil	93,921	1,096,252	26,281	696,058	1,315,457	5,171	152,375	66,950	102,677	3,555,142

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1966	29,111	12,832	49,643	91,586
July, 1966	29,099	11,719	51,610	92,428
July, 1967	31,348	13,556	69,778	114,682

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
31.78%	14.02%	54.20%
31.48%	12.69%	55.83%
27.33%	11.83%	60.84%